

19991121.qrp v01_n646.qrl.991121

Date: Sun, 21 Nov 1999 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1646

QRP-L Digest 1646

Topics covered in this issue include:

- 1) [56426] a second fox hunt Team Plaque.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 2) [56427] Oregon Scientific Time Machine cheap
by "Randy Moore" <wr.moore@worldnet.att.net>
- 3) [56428] QRP Sweepstakes
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 4) [56429] WTB-Desk mike for Delta 580
by "The Hansons" <hansfam@midcoast.com>
- 5) [56430] TUNER: Z Match problem, long
by Alex Berkuta <aberkuta@shoal.net.au>
- 6) [56431] Re: [Fwd: Antenna notes]
by "Dan W. Dooley" <dandooley@pipeline.com>
- 7) [56432] HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
by mikemo@attglobal.net
- 8) [56433] Looking fer info on AEA 10M HT aka Mizuho
by David Kritzberg <dkritz@mindspring.com>
- 9) [56434] WTB: Ten Tec model 405 amp
by osier <osier@northnet.org>
- 10) [56435] Re: Elmer 100: Continous Ham Radio Education (rather long)
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 11) [56436] Don't forget NORCAL QRP net Sunday evening!
by Jeff <fantbb@yahoo.com>
- 12) [56437] TEST: Do not read...
by Alaska QRP Club - KL7AQC <akqrp@gci.net>
- 13) [56438] RE: HELP: Hamfest fodder / Johnson Matchbox
by "Mike D." <hrg@megsinet.net>
- 14) [56439] FOX: K5LN Monday night Fox Notice
by K5ln@aol.com
- 15) [56440] Wanted TNC
by "Randall" <Firefox@Southwind.net>
- 16) [56441] Tuna Tin in the Doghouse :-)
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 17) [56442] Re: HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
by Ray Colbert <af852@rgfn.epcc.edu>
- 18) [56443] Help needed -- Tuna Tin -- how can I mute my rcvr??
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 19) [56444] Re: [Fwd: Antenna notes]

- by Charles Greene <cgreene@loa.com>
- 20) [56445] FYI
by "Junius Fox" <w5hir@ghg.net>
- 21) [56446] HB: Using 12 V Deep Cycle Batteries
by "James R. Duffey" <jamesd1@flash.net>
- 22) [56447] Santa, a bit OT
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 23) [56448] More Mr. Microphone stuff
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 24) [56449] Re: HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 25) [56450] AOL Trouble Apology
by K4NK@aol.com
- 26) [56451] For Sale: WM 20 meter SSB, works great, and unbuilt 20 watt amp kit
by "Jeff Gold" <jeffmgold@hotmail.com>
- 27) [56452] Wanted TNC .I got one ...
by "Randall" <Firefox@Southwind.net>
- 28) [56453] Re: My New Wal-Mart Deep Cycle Battery Power Supply.
by kc8aon@juno.com
- 29) [56454] TS-50, Icom QRP info needed
by Mike Czuhajewski <wa8mcq@erols.com>
- 30) [56455] Re: Elmer 100: Continuous Ham Radio Education
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 31) [56456] Re: Tuna Tin 2 -- really cooking now -- 4 states last night
by "Bob Tellefsen" <n6wg@earthlink.net>
- 32) [56457] Re: Anyone ever use an "air core" balun ?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 33) [56458] RE: Anyone ever use an "air core" balun ?
by "Ed Tanton" <n4xy@att.net>
- 34) [56459] Coax question
by RangerSF5@aol.com

Date: Sat, 20 Nov 1999 19:06:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [56426] a second fox hunt Team Plaque.
Message-ID: <Pine.LNX.3.95.991120185746.29126B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to announce that we now have a second award plaque for the Teams hunting the foxii.....this lovely plaque, which is being created by Ken LaRose who created the first plaque for the winning Team, will be awarded to the Team with the most "Clean Sweeps"....the idea for this came from Ron, KU7Y, who has nothing else to do way out there in Nevada but sit on top of his tower and think up good ideas....a tip of the hat to Ron!!

...thanks vy much Ron!!!!... ;-)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"
"I am da man wit "DAH" paddle!"

Date: Sat, 20 Nov 1999 19:28:42 -0600
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56427] Oregon Scientific Time Machine cheap
Message-ID: <NBBBJGGJJNBGADODHMFDOEDJD LAA.wr.moore@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just bought an Oregon Scientific "Time Machine" at Service Merchandise on sale for \$27.95. This is one of those clocks that sets itself from WWV. I thought I'd let folks know. It does not (as far as I can tell) operate in UTC - only the US time zones. However, since I got the last one, the demonstrator model, it came without instructions. So if anyone out there has one of these and wouldn't mind copying the instructions for me, please let me know.

Tnx es 72,
Randy, KS4L

Date: Sat, 20 Nov 1999 20:56:45 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: Daniel R Case <drcase@iastate.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [56428] QRP Sweepstakes
Message-ID: <199911202059_MC2-8DF4-8C4D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Dan:

Not in the SS, per se. Did work some guys on 15, though, including PP6 (Brasil!). Setup K2 at 5 watts to the TNT/2 Window at 51', fed with coax.

So the DX is possible. Frankly, I was surprised at how loud the PP was. He was easily 569 or maybe even 579 on peaks.

GL with SS. Hope to snag you somewhere on the air soon.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Sat, 20 Nov 1999 21:06:02 -0500
From: "The Hansons" <hansfam@midcoast.com>
To: <QRP-1@Lehigh.edu>
Subject: [56429] WTB-Desk mike for Delta 580
Message-ID: <004f01bf33c5\$098135e0\$16e51ace@hansfam>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would like to try some QRP/SSB with my newly-acquired Ten-Tec Delta 580. Anyone have a TT desk or hand mike ready to plug into the 580 they might sell?

Steve KE1LG
hansfam@midcoast.com

Date: Sun, 21 Nov 1999 13:45:49 +1100
From: Alex Berkuta <aberkuta@shoal.net.au>
To: qrp-1@Lehigh.EDU
Subject: [56430] TUNER: Z Match problem, long
Message-ID: <38375CDC.254117BB@shoal.net.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Members

I am having a spot of bother with a HB z Match on a recently reconstructed CM Howes 80m.

The tuner works great on receive with a very sharp peak and excellent match, however on Tx (3 watts into a dummy load/wattmeter (ex CQ mag design)) it will only indicate resonance/match with the SWR led when using 100 milliwatts, the led is too bright otherwise.

When using the full 3 watts from the Tx it only indicates about 30 milliwatts transfer to the load.

Wiring has been checked and nothing obvious so far.

Thanks for any advice

regards

Alex, vk2xtx

Date: Sat, 20 Nov 1999 21:04:09 -0600

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <cgreene@loa.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [56431] Re: [Fwd: Antenna notes]

Message-ID: <008001bf33cd\$156f6f40\$05987b7b@CSS0048.bergenbrunswick.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The exception to requiring a huge number of radials is if the antenna is elevated above ground. Indeed, if it is at ground level and we're trying to use physical earth supplemented with ground wires, then perhaps 120 or so will be required to reduce ground losses and result in an acceptable radiation resistance.

If it is elevated then, 3 or 4 resonant radials per band will be as effective as a massive system of radials at ground level. The technical reasoning is looonnnng however.

I'm using a Butternut elevated with resonant elements for each band. Efficiency and radiation resistance are good.

Dan W. Dooley WB5TKA Y2K Complacent
e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

>

>I would like to make two points. For a 1/4 vertical to perform properly,
>it needs a large number of radials.

Date: Sat, 20 Nov 1999 22:11:58 -0500
From: mikemo@attglobal.net
To: qrp1 <qrp-1@lehigh.edu>
Subject: [56432] HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
Message-ID: <383762FE.D1FB15F1@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a great time at the Tampa hamfest today. Aside from the treat of meeting Eric from Elecraft, I found a few treasures. I took a chance on a Johnson Matchbox, model 250-23. The paint outside is rough and was coming off in my hands. The seller took my ridiculously low offer, so I took it home with me. After removing the 20+ screws to get it open, I was treated to the sight of all the components being almost immaculate! Yahoo! Anyway, if anyone out there has the schematic / tune up instructions for this tuner I'd be glad to pay for a copy. Looking forward to using this tuner with the K2. Also, picked up a strange looking little tuner for \$1. It's called a "Joymatch" made by Partridge Electronics in the UK. It is in a clear case, looks like late 60's vintage. Since there is only one output, I'm guessing that it is a longwire tuner. Anyone heard of such a thing? I also picked up a dead Autek QF-1A. Got a schematic with this one and it's already in the process of being repaired. I just love other peoples junk! Thanks for any help on the above two tuners. Best regards and 72 Mike Maiorana, KU4QO

Date: Sat, 20 Nov 1999 23:09:56 +0000
From: David Kritzberg <dkritz@mindspring.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [56433] Looking fer info on AEA 10M HT aka Mizuho
Message-ID: <38372A44.2971@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,
I'm looking fer any info on an AEA 10M HT CW/SSB also has been sold as

"Mizuho". I'm looking for crystals or any feedback from former or current users of the rig.

Tnx & 73

David Kritzberg

KF4UOD

Date: Sat, 20 Nov 1999 23:15:14 -0500
From: osier <osier@northnet.org>
To: qrp-l@lehigh.edu
Subject: [56434] WTB: Ten Tec model 405 amp
Message-ID: <383771D2.310F55A0@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!!

Looking for someone who might want to sell their 405 amp.....
Sometimes could just use a little more power to get thru !!!!

73/72s

George Osier , N2JNZ/QRP

Date: Sun, 21 Nov 1999 14:04:45 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: jimdurkin@yahoo.com
Cc: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [56435] Re: Elmer 100: Continous Ham Radio Education (rather long)
Message-ID: <19991121060445.GMAF10371@user>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:23 AM 11/20/99 -0800, you wrote:
>Is there a program like this to recruit retired
>people?
>73
>Jim kt4a
>

Hi Jim et al,

Try:-

<http://www.novia.net/~pschleck/elmers/>

You might find such a program at or around that site...
Good Luck & Happy Hunting!

Vy 72/3 de Sly, 9M8SL

Date: Sat, 20 Nov 1999 22:31:56 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [56436] Don't forget NORCAL QRP net Sunday evening!
Message-ID: <19991121063156.15949.rocketmail@web106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just to remind all about the NORCAL QRP net this
Sunday evening!

NORCAL QRP Net 6pm PST Sunday (Monday 0200UTC)
7045 (+- QRM)

Jeff

=====
Jeff Jones
AB6MB
Norcal QRP Net 7045 Sunday 6pm PST Monday 0200 UTC
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sat, 20 Nov 1999 23:56:01 -0900
From: Alaska QRP Club - KL7AQC <akqrp@gci.net>
To: qrp-l@lehigh.edu
Subject: [56437] TEST: Do not read...

Message-ID: <v03007800b45d63b325cb@[208.161.166.228]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Test...

I caught you reading this... 8^)

Test for server path...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC

Alaska QRP Club 10 Meter Beacon - KL7AQC / BCN - 28.282.28

Alaska QRP Club Web Site: <http://home.gci.net/~bhopskins/akqrp/>

Mirror Web Site: <http://www.qsl.net/kl7aqc>

Date: Sun, 21 Nov 1999 07:25:01 -0600

From: "Mike D." <hrg@megsinet.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [56438] RE: HELP: Hamfest fodder / Johnson Matchbox

Message-ID: <000101bf3423\$d0e791c0\$46d1d6d8@urbancom.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

A manual/schematic for the Johnson Matchbox (and for many other Boatanchors) is available at the BoatAnchor Manual Archive (BAMA).

<http://bama.sbc.edu/>

73 de Mike, N9BOR

FISTS NR 4594

<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.

My designated driver is a 12BY7A.

I want to party like it's 1969.

Solid State leaves me cold.

Date: Sun, 21 Nov 1999 10:15:14 EST
From: K5ln@aol.com
To: qrp-1@lehigh.edu
Cc: K5ln@aol.com
Subject: [56439] FOX: K5LN Monday night Fox Notice
Message-ID: <0.616064b5.25696682@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Okay Gang, here are the details:

Frequency = 7042 +/- 2Khz
Time = 0200 - 0400 GMT
Date = 23 Nov 99
Rig = HW-9 at 4 watts
Antennas = 80 meter Horz. Loop and a Vertical.

Operation:

Exchange information:

(Hound call sign) DE K5LN RST (Number twice) TX BILL 1794 (other
stations
call sign) K

I hope this will help the station I call to copy through the QRM while everyone is still calling. Hounds please only call twice, then take a break to hear who I will be calling. I will be using the RIT on the HW-9. For those that don't have XIT, I will also frequent the transmit frequency also. I want to give everyone a chance to work the FOX.

Closure:

QSL TU (Hounds now call)

Closure w/station ID:

RR TU FOX DE K5LN K (Hounds now call)

I will try these methods to expedite the process and to give everyone a chance to work the FOX. I will also switch between the Loop and the Vertical depending on the band conditions. The Loop works very well for close in and to the East with the Vertical working well for long skip and other directions.

Good luck and I am looking forward to having a great time working as many Hounds as possible. :-)

72,
Bill, K5LN

Date: Sun, 21 Nov 1999 10:11:00 -0600
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56440] Wanted TNC
Message-ID: <00f101bf343b\$01793a20\$5a5986d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please excuse the off subject here.
Does anyone have a good working used TNC that they want to get rid of ?
Wanting to do some experimenting and would like to find one.
Would really like an MFJ-1278..... or KPC-3 +.

thanks

Date: Sun, 21 Nov 1999 12:14:45 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: QRP-L <qrp-l@lehigh.edu>, NJ QRP Club <njqrp@njqrp.org>
Subject: [56441] Tuna Tin in the Doghouse :-)
Message-ID: <38382885.DE8BAD46@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a good time using my 400 mw Tuna Tin 2 in Saturday's Doghouse
Sprint. Was able to get on for a couple hours and got about 20 QSOs in
11 states/provinces -- including a couple nice long chats with Rick,
KC8AON, and Randy, N4TVC (one of our local NoVa QRPers).

72,

Jake -- N4UY
Vienna, VA
(Wash DC suburbs)

Date: Sun, 21 Nov 1999 10:19:05 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: mikemo@attglobal.net
Subject: [56442] Re: HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
Message-ID: <38382989.224660CC@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Partridge Electronics was a fairly active company in the late 50's and into the mid to late 60's. The tuner you describe was the matching unit for their "Joystick" antenna system which, tho I never did see one, was advertised in the RSGB Bulletin, and written up in the magazine during that time. I think it may have been reviewed by QST or CQ as well. The Joystick was described as a portable type antenna and for those that could not put up full size antennas due to restrictions of council, space or apartment type situations. As I recall, it was a end-fed loaded antenna wound on a shaft of approximately 6 ft long and maybe 1 to 1 1/2 inches in diameter. I had worked several stations when living in Germany that were using it in Great Britain, and used to hear some of the fishing boats out in the North Sea that used them. The tuning range was from 160-10 meters. One of the ads of the time showed a ZL with the Joystick leaning against his wall (in the basement) just after making a QRP contact back into England. I don't have any circuit info, but maybe some of the others on here from across the pond may. GL and hope the info is helpful.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sun, 21 Nov 1999 12:22:33 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>
Subject: [56443] Help needed -- Tuna Tin -- how can I mute my rcvr??

Message-ID: <38382A59.3EA02FDE@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've been using my Kenwood TS440 on receive when I use my TT2 transmitter -- I crank the TS440's rf gain way down when I transmit -- provides a nice sidetone.

Tried to use other rigs for receiving, but I get a very loud signal -- my own -- when I switch my antenna over to the TT2 and transmit.

How do you all cut back your receivers so that you are not blasted by your own signal?

Any suggestions for a nice muting circuit?

Thanks,

Jake - N4UY

Date: Sun, 21 Nov 1999 12:14:19 -0500

From: Charles Greene <cgreene@loa.com>

To: "Dan W. Dooley" <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [56444] Re: [Fwd: Antenna notes]

Message-ID: <4.1.19991121110517.00992ef0@mail.loa.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 09:04 PM 11/20/99 -0600, Dan W. Dooley wrote:

Hi Dan,

One problem I see in an elevated 1/4 wavelength ant system is reflected waves from the ground, which causes the vertical radiated pattern to be at a higher angle than from a ground mounted vertical. If DX operation is not a concern, then the elevated 1/4 wave vertical with 3 or 4 radials is superior to a ground mounted one with the same number of radials. I had one once, and its operation was good. I even worked the South Pole on 40 SSB with it.

Now I have a question for you. I live on the shore on Narragansett Bay, and my antenna is about 60' from high tide. I can mount an antenna on my sea wall, which is about 8' above high tide.

I was thinking about installing a 20 meter vertical on the sea wall, but it would be up 8' at high tide. The tide comes up to the sea wall at high tide, but recedes about 30' when the tide goes out. My question is, how do I install radials, or one radial, to take advantage of the sea water as a ground plane? I have some stainless steel wire I can lead into the sea water.

Chas, W1CG

>The exception to requiring a huge number of radials is if the antenna is
>elevated above ground. Indeed, if it is at ground level and we're trying to
>use physical earth supplemented with ground wires, then perhaps 120 or so
>will be required to reduce ground losses and result in an acceptable
>radiation resistance.

>

>If it is elevated then, 3 or 4 resonant radials per band will be as
>effective as a massive system of radials at ground level. The technical
>reasoning is looonnnng however.

>

>I'm using a Butternut elevated with resonant elements for each band.
>Efficiency and radiation resistance are good.

>

>Dan W. Dooley WB5TKA Y2K Complacent

Date: Sun, 21 Nov 1999 11:25:20 -0600
From: "Junius Fox" <w5hir@ghg.net>
To: <qrp-1@lehigh.edu>
Subject: [56445] FYI
Message-ID: <000501bf3445\$63e05fe0\$0baf90d0@FOX>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been revising my "Page". I have a problem with the OM Pix, but there are some photos that you might find interesting.

Foxy
w5hir@ghg.net
<http://www,qs1.net/w5hir>

Date: Sun, 21 Nov 1999 11:47:09 -0700

From: "James R. Duffey" <jamesd1@flash.net>
To: rhevans@mindspring.com
Cc: qrp-1@lehigh.edu
Subject: [56446] HB: Using 12 V Deep Cycle Batteries
Message-ID: <199911211847.MAA09605@ogopogo.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Ron - You described a combination of deep cycle battery and charger I have been using for over 5 years:

"deep cycle trolling batteries, their fully automatic model PP1.5A Everstart Battery Tender, and a rubber maid box with cover to hold the battery."

and asked:

"I have never used this setup before having always used a 110V or 220V to 13.75V power supply. Is there any down side to this?"

Like I said I have used such a set up, a deep cycle battery and automatic charger for 5 years. I get about 3 years of useful life out of the battery with this set up. There is really no down side to this as far as I can tell. There are three things you should be aware of:

1. The biggest caution is to put the battery in a case so if the acid gets out it will not spill and damage things. The favorite woman in your life will not appreciate this. I have experience with this from my mother, wife and dog. On the other hand, my father thought it amusing and casually asked my mother for the baking soda. He was a chemist.
2. The next biggest caution is to check the fluid level every month and add distilled water if needed. That is assuming that you do not have a "mainteinance free". This will go a long ways to keeping your battery alive, aprticularly if you occsasionally overcharge or fully discharge it.
3. The next biggest caution is not to over charge or over discharge the battery. Even with an "automatic" charger I would not leave it connected to the battery all the time. Disconnect it or turn it off when a full charge (13.8 V for a "12 V" battery). I usually run the charger whenever I am operating and turn it off when I leave the shack. I make the battery is fully charged beforea n operating event such as SS, Field Day or Fox hunts.

I monitor the battery voltage during use and charging with a digital meter. An Amperemeter in series with the charger would help also. My old charger used to have one, but my new one just has an LED that chages color when the battery is fully charged. I intend to add an Amperemeter. Holiday project?

I have over charged batteries and discharged them completely, both of which substantially (half or more) shortened battery life.

A good deep cycle battery should be good for several hundred charge/discharge cycles before it "dies".

I get about 3 years out of mine. This includes one or two complete discharges and maybe 1 or 2 over charges. Any more and you will be forking out \$65 for a new battery soon.

Sam's Club or Costco generally have the best prices on deep cycle batteries.

With QRP you should be able to get a week of continuous operating out of even a small deep cycle battery. With a 100 watt transceiver you should be able to get a day or so of continuous operating. I found I could go two weeks of casual operating at the 100 watt level, 2 to 3 hours a day, before the battery is too low for normal use. I would expect 2 to 3 months of casual QRP operating.

You can use an automobile battery in this fashion, but they are not designed for complete discharge. # or 4 full discharges and the battery is gone. If you already have an acceptable automobile battery go ahead and use it, but if you are buying a new battery get a deep cycle one.

I hope that this helps. I have posted this to the list as it seems like it will be of general interest. Time for the MLS cup to start. See you later. -
Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 21 Nov 1999 19:46:09 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: qrp-l@lehigh.edu
Subject: [56447] Santa, a bit OT
Message-ID: <E11pcsS-0005n9-00.1999-11-21-19-42-24@mail11.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gangue,

I've been asked if I have any objection to the santamail site being linked to. The answer is

of course not!

Use the full URL at:

<http://www.santamail.freemove.co.uk>

and there is an animated banner advert available at

<http://www.santamail.freemove.co.uk/banner2.gif>

that you can use also. Parents, please remember there is only ONE automated reply, so if you have more than one child, either add all names in at once, or let the kids send their e-mail' at different times to avoid any disbelief.

Regards

Mel

Visit <http://www.santamail.freemove.co.uk> to send a note to Santa

Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables, graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freemove.co.uk>

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freemove.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Date: Sun, 21 Nov 1999 18:38:26 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: Nils R Young <nilsbull@juno.com>
Cc: qrp-1@lehigh.edu
Subject: [56448] More Mr. Microphone stuff
Message-ID: <E11pcsN-0005n9-00.1999-11-21-19-42-19@mail11.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Nils,

Broderick Crawford eh? I seem to remember pappy tellin' me 'bout that one! along with Tonto and the Loan Arranger. (VBG) 8>}

Or was it Zorro and Tom Mix?

{If you believe that you'll believe anythin'}

Regards

Mel

PS What was the name of Hopalong Cassidy's horse again?

Visit <http://www.santamail.freemove.co.uk> to send a note to Santa

Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables, graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freemove.co.uk>

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freemove.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Date: Sun, 21 Nov 1999 18:41:57 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: Ray Colbert <af852@rgfn.epcc.edu>
Cc: qrp-1@lehigh.edu
Subject: [56449] Re: HELP: Hamfest fodder / Johnson Matchbox / Partridge Elect.
Message-ID: <E11pcsP-0005n9-00.1999-11-21-19-42-21@mail11.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gangue,

I think I saw that the design plans for the Partridge Joystick were

available for self build.

Try Frank's website for details, or maybe Tony Fishpool has some info.

Regards

Mel

Visit <http://www.santamail.freemove.co.uk> to send a note to Santa

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<http://www.arachne4dos.freemove.co.uk>

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freemove.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Date: Sun, 21 Nov 1999 14:53:08 EST
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [56450] AOL Trouble Apology
Message-ID: <0.7af6a8a0.2569a7a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang;

I got notified by AOL that someone had used my K4NK account to distribute some crazy stuff. Please be assured it was not me sending . If you were one who got this crape I am sorry , I will keep a tighter lid on my pass words etc..

Now on a second note maybe my for trade messages did not get thru either as I had no takers or inquiries.

For swap....A very nice and expensive motorola VHF/UHF watt meter with 5 sensors...got any thing QRP to trade? Also for you Tube and glow types I have about 200+++ NOS tubes . Mostly minitures like 12au7's etc. any QRP swaps on these?

Thanks..... Les Shattuck K4NK

Date: Sun, 21 Nov 1999 14:52:58 CST
From: "Jeff Gold" <jeffmgold@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [56451] For Sale: WM 20 meter SSB, works great, and unbuilt 20 watt amp kit
Message-ID: <19991121205259.21187.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have a built and tested Small Wonders 20 meter SSB kit, made many many contacts last two days in Sweepstakes, no problems. Also have a 20 watt amplifier kit with most if not all parts.. this is unbuilt.
*see Small wonders web site for description or review in this month's 73 magazine.

The Small Wonders kit was \$160 and the amp was \$35 or so. I would like \$150+shipping, but might consider offers, or trade on Saxophone.

72
jeff, AC4HF

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 21 Nov 1999 16:43:44 -0600
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56452] Wanted TNC .I got one ...
Message-ID: <01c701bf3471\$de455de0\$5a5986d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who answered my search for a TNC.
I have located one and a deal has been made.
Again , thanks to all who replied to my request.

73's

Date: Sun, 21 Nov 1999 10:12:34 EST
From: kc8aon@juno.com
To: jpoling@en.com, qrp-1@Lehigh.EDU
Subject: [56453] Re: My New Wal-Mart Deep Cycle Battery Power Supply.
Message-ID: <19991121.180236.4479.3.kc8aon@juno.com>

Paul,

I guess I forgot one important thing didn't I ! The current limiting device that I use is simply a #93 automotive bulb in series and between the diode and the power supply (solder the connections to the bulb to keep resistance low). Dont worry about ever having to change the bulb, since the system doesn't draw enough current to light the bulb, it will most likely last forever. It works like this: at resting current (cold bulb) it has a resistance of about .8 ohms, and when the current demand is up, (hot bulb) it has a resistance of about 7 to 8 ohms therefore limiting the current. You can also put more diodes in series with the original to get your power supplies 13.8 volts down to about 13.2 volts (voltage drop thru the diodes) at the battery - a good voltage range to float charge a battery at. I should add one more thing, I dont use the supply to recharge the battery after the power has been off for a long period of time, I use a good automatic 10 amp charger for that purpose, I just use the power supply to keep it charged during normal times !

Hope this helps.....72.....de: kc8aon

On Sun, 21 Nov 1999 06:42:50 -0500 "Paul J. Poling" <jpoling@en.com> writes:
>Hi Rick
>
>I am most curious about your reply regarding a fellow Ham's comments
>about
>his DC standby power system. How do you regulate the current going to
>the
>battery from the station power supply?
>Direct e-mail please!
>
>73
>Paul K8CKG
>Lakewood, OH
>

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Date: Sun, 21 Nov 1999 18:17:57 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-1@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [56454] TS-50, Icom QRP info needed
Message-ID: <38387DA5.46B9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm doing an article for the New Jersey QRP club's new journal that N2APB asked me to write, and need a little bit of info on how to crank down the Kenwood TS-50 to QRP levels. I believe there are internal pots that set the power for each of the 3 power levels available on the menu, but don't know the pot numbers or locations, or how low the power can be set on each one. Can anyone help? And how about the TS-570--can that be cranked down to less than 5 watts from the front panel, or does it require tweaking an internal pot to go lower?

Similarly, can anyone give me some info on the newer Icom rigs that came after the IC-751, or at least those newer ones on which you can only go down to 5 or 10 watts with the front panel control(s) and have to tweak internal pots to go lower? (I think I have info on the IC-728, though.)

And yes, I already know the old "pump low voltage into the ALC jack to cut the power" trick, so no one needs to send me that :-)

I stopped working part time in the service shop of the local ham store in 1994, and thus lost access to a lot of rigs. (And the store got rid of it's service shop after that and eventually closed, so I can't even play with the new rigs anymore!)

I will give credit in the article to those who helped me with good info.

--
73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Mon, 22 Nov 1999 10:28:16 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [56455] Re: Elmer 100: Continous Ham Radio Education
Message-ID: <38388010.1E8074F8@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

On this most important topic I want to compile a listing of ALL clubs which provide classes, tuition, help to newcomers etc. Our average age is said to be around 57. Let's see if we can lower that.

I will have 4,800 hits on my site this month with over 12,000 page views. Many of those people ARE seriously interested in our hobby, they need to connect with REAL people who are willing to be encouraging and helpful. We need to sell ourselves. Where are our Ambassadors?

Please get back to me with appropriate details, preferably world wide, not just the US and UK taking up the slack as usual.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/> URL -
<http://www.qsl.net/vk2tip/>

Date: Sun, 21 Nov 1999 15:31:17 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [56456] Re: Tuna Tin 2 -- really cooking now -- 4 states last night
Message-ID: <01bf3478\$827c5750\$7ed8fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jake

Glad to see you having fun with the TT2.

During the Zombie Shuffle, just before Halloween, I used my TT2 and the MXR dc receiver to work 13 stations. Forget the states count, but best DX was Oklahoma and Hawaii, both on 200 mw and a crummy receiver :-)

Keep it up.

73, Bob N6WG

Date: Sun, 21 Nov 1999 15:35:29 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [56457] Re: Anyone ever use an "air core" balun ?
Message-ID: <01bf3479\$18399fa0\$7ed8fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ron

The last time I used an air core balun was when I had the Heathkit unit. It converted 300 ohm line to 75 ohms, and looked like two pieces of B&W miniductor interleaved. This was in 1957 while I was in Alaska in the Army.

I supposed coiled up coax, as used nowadays, qualifies as air core also. Haven't done that, though, so no comment there.

73, Bob N6WG

Date: Sun, 21 Nov 1999 18:36:41 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <n6wg@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56458] RE: Anyone ever use an "air core" balun ?
Message-ID: <NBBBJDEEIFDDANGEGHLBCEHEHNAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If it hasn't already been mentioned: Bencher Baluns are AIR-core.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Sun, 21 Nov 1999 18:48:37 EST

From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [56459] Coax question
Message-ID: <0.1ce466b9.2569ded5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang.

A person I know that works for a cable company gave 2 100 foot spools of top quality 72 ohm Belden coax.

I know this will work good on the HF bands but what about the VHF and UHF?

The VHF AND UHF RIGS are 50 ohm as is the antenna feed point.

72 ohm coax between a 50 ohm rig and a 50 ohm antenna doesn't sound that bad but i'll be using an HT at 200 MILS.

My main concern is harmonics coming off the braid.

Open for suggestions.

Thank You

Bob

WA2HOQ:rp <tm>

End of QRP-L Digest 1646

